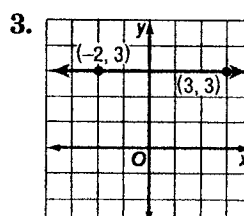
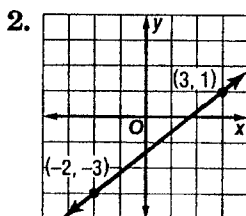
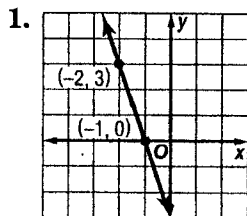


5-1 Practice
Slope

Find the slope of the line that passes through each pair of points.



4. $(6, 3), (7, -4)$ 5. $(-9, -3), (-7, -5)$
6. $(6, -2), (5, -4)$ 7. $(7, -4), (4, 8)$
8. $(-7, 8), (-7, 5)$ 9. $(5, 9), (3, 9)$
10. $(15, 2), (-6, 5)$ 11. $(3, 9), (-2, 8)$
12. $(-2, -5), (7, 8)$ 13. $(12, 10), (12, 5)$
14. $(0.2, -0.9), (0.5, -0.9)$ 15. $\left(\frac{7}{3}, \frac{4}{3}\right), \left(-\frac{1}{3}, \frac{2}{3}\right)$

• ALL WORK ON LOOSE LEAF.

• (Ex) $(3, -6), (5, 1)$

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$m = \frac{1 - (-6)}{5 - 3} = \boxed{\frac{7}{2} = m}$$

• Do both pages!

• See Ch. 5-1 and 5-3 for examples.

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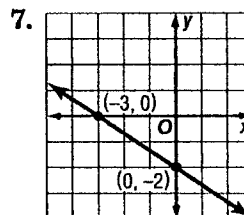
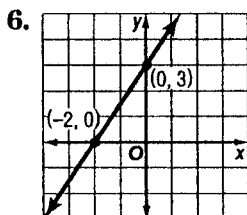
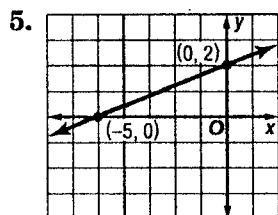
5-3 Practice

Slope-Intercept Form

Write an equation of the line with the given slope and y-intercept.

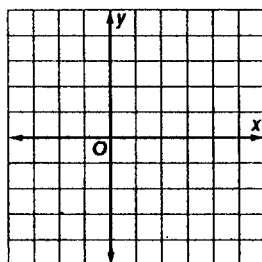
1. slope: $\frac{1}{4}$, y-intercept: 3
2. slope: $\frac{3}{2}$, y-intercept: -4
3. slope: 1.5, y-intercept: -1
4. slope: -2.5, y-intercept: 3.5

Write an equation of the line shown in each graph.

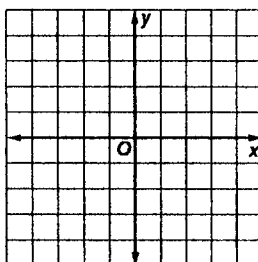


Graph each equation.

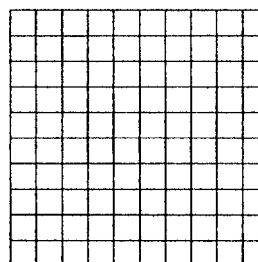
8. $y = -\frac{1}{2}x + 2$



9. $3y = 2x - 6$



10. $6x + 3y = 6$



- GRAPHS MAY be on this page (or on graph paper).
- All other work on looseleaf.